

INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 6

Application Number: 10/646,458
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown 1763
Examiner Name: Unknown ARANCIBIT
Attorney Docket Number: 008401

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
WJC	US-2,344,138	03-14-1944	DRUMMOND	117	107	05-20-1940
	US-3,109,100	10-29-1963	GECEWICZ	250	219	05-19-1960
	US-3,576,685	04-27-1971	SWANN ET AL.	148	187	03-15-1968
	US-3,907,616	09-23-1975	WIEMER	148	188	08-16-1974
	US-4,116,791	09-26-1978	ZEGA	204	192	05-18-1977
	US-4,382,099	05-03-1983	LEGGE ET AL.	427	34	10-26-1981
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↓	US-4,465,529	08-14-1984	ARIMA ET AL.	148	188	06-04-1982

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
WJC	EP 0 546 852 A1	16.06.1993	EUROPE	CHARLES ZAROWIN ET AL.	N/A
	EP 0 836 218 A2	15.04.1998	EUROPE	SERGIO EDELSTEIN ET AL.	N/A
	EP 0 964 074 A2	15.12.1999	EUROPE	ALEC DENHOLM ET AL.	N/A
	EP 1 111 084 A1	27.06.2001	EUROPE	JAMES BERNSTEIN ET AL.	N/A
↓	EP 1 191 121 A1	27.03.2002	EUROPE	MICHELANGELO DELFINO	N/A

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Examiner Initials	
WJC	Zhang, B.C., and Cross, R.C., "A high power radio frequency transformer for plasma production," Rev. Sci. Instrum., Vol. 69, No. 1, pp. 101-108, January 1998.
WJC	U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature: *Maureen J. Arancibia* | Date Considered: 1/3/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

- 1/12

SEP 22 2003
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Sheet 2 of 6

Application Number: 10/646,458
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown {76}
Examiner Name: Unknown ARANCOBIA
Attorney Docket Number: 008401

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
AMP	US-4,481,229	11-06-1984	SUZUKI ET AL.	427	38	06-20-1983
	US-4,500,563	02-19-1985	ELLENBERGER ET AL.	427	38	12-15-1982
	US-4,521,441	06-04-1985	FLOWERS	427	38	12-19-1983
	US-4,539,217	09-03-1985	FARLEY	427	10	06-27-1984
	US-4,565,588	01-21-1986	SEKI ET AL.	148	186	10-10-1984
	US-4,698,104	10-06-1987	BARKER ET AL.	437	141	03-02-1987
	US-4,764,394	08-16-1988	CONRAD	427	38	01-20-1987
	US-4,778,561	10-18-1988	GHANBARI	156	643	10-30-1987
	US-4,867,859	09-19-1989	HARADA ET AL.	204	298	08-04-1987
	US-4,871,421	10-03-1989	OGLE ET AL.	156	643	09-15-1988
	US-4,912,065	05-27-1990	MIZUNO ET AL.	437	141	05-26-1988
	US-4,937,205	06-26-1990	NAKAYAMA ET AL.	437	165	08-04-1988
	US-4,948,458	08-14-1990	OGLE	156	643	08-14-1990
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	JP 59-88214	18.5.1984	JAPAN	UNKNOWN	NO
	JP 62-120041	1.6.1987	JAPAN	UNKNOWN	NO
1107	WO 93/18201	16.09.2003	WIPO	FELCH ET AL.	N/A

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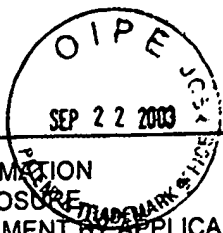
Examiner Initials	NON-REM REMARKS

Examiner's Signature: Muhammad Ali Khan

Date Considered: 11/3/06

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2/12



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Sheet 3 of 6

Application Number: 10/646,458
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First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown 1763
Examiner Name: Unknown AKANGBIA
Attorney Docket Number: 008401

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
WJO	US-5,106,827	04-21-1992	BORDEN ET AL.	505	1	02-05-1991
	US-5,107,201	04-21-1992	OGLE	324	72.5	12-11-1990
	US-5,270,250	12-14-1993	MURAI ET AL.	437	165	12-23-1991
	US-5,277,751	01-11-1994	OGLE	156	643	06-18-1992
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	US-5,312,778	05-17-1994	COLLINS ET AL.	437	225	11-23-1990
	US-5,354,381	10-11-1994	SHENG	118	723	05-07-1993
	US-5,435,881	07-25-1995	OGLE	156	345	03-17-1994
	US-5,505,780	04-09-1996	DALVIE ET AL.	118	723	03-18-1992
	US-5,514,603	05-07-1996	SATO	437	16	05-06-1994
	US-5,520,209	05-28-1996	GOINS ET AL.	137	246	12-03-1993
	US-5,542,559	08-06-1996	KAWAKAMI ET AL.	216	67	02-14-1994
	US-5,561,072	10-01-1996	SAITO	437	24	11-21-1994
	US-5,569,363	10-29-1996	BAYER ET AL.	204	192.32	10-25-1994
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
WJO	WO 99/00823	07.01.1999	WIPO	DONALD SMITH ET AL.	N/A
WJO	WO 01/11650A1	15.02.2001	WIPO	LEONARD MAHONEY ET AL.	N/A
WJO	WO 02/25694 A2	28.03.2002	WIPO	JAMES BERNSTEIN ET AL.	N/A

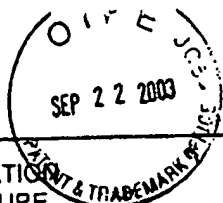
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: *Maureen J. Chance*

Date Considered: 1/3/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 4 of 6	Application Number: 10/646,458 Filing Date: August 22, 2003 First Named Inventor: Kenneth COLLINS, et al. Group Art Unit: Unknown 1763 Examiner Name: Unknown ARANLBIA Attorney Docket Number: 008401
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U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
<div style="font-size: 2em; margin-bottom: 10px;">M</div> <div style="font-size: 4em; margin-bottom: 10px;"> </div> <div style="font-size: 4em;">V</div>	US-5,587,038	12-24-1996	CECCHI ET AL.	156	345	06-16-1994
	US-5,627,435	05-06-1997	JANSEN ET AL.	315	111.21	02-15-1996
	US-5,648,701	08-15-1997	HOOKE ET AL.	315	111.21	06-28-1994
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	US-5,683,517	11-04-1997	SHAN	118	723	06-07-1995
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	US-5,718,798	02-17-1998	DEREGIBUS	156	429	04-10-1996
	US-5,770,982	06-23-1998	MOORE	333	32	10-29-1996
	US-5,897,752	04-27-1999	HONG ET AL.	204	192.12	05-20-1997
	US-5,911,832	06-15-1999	DENHOLM ET AL.	118	723	01-09-1997
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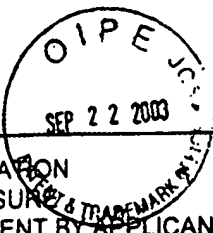
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: <i>Melvin J. Oran</i>	Date Considered: 1/3/06
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4/12



INFORMATION DISCLOSURE & TRADEMARK STATEMENT BY APPLICANT Sheet 5 of 6	Application Number:	10/646,458
	Filing Date:	August 22, 2003
	First Named Inventor:	Kenneth COLLINS, et al.
	Group Art Unit:	Unknown 1763
	Examiner Name:	Unknown ARANCOBIA
Attorney Docket Number: 008401		

U. S. PATENT DOCUMENTS						
Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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	US-6,020,592	02-01-2000	LIEBERT ET AL.	250	492.21	08-03-1998
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✓	US-6,291,938 B1	09-18-2001	JEWETT ET AL.	315	111.51	01-24-2000

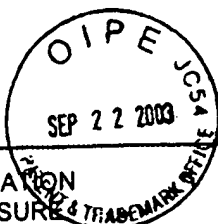
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

Examiner Initials	NON PATENT LITERATURE DOCUMENTS

Examiner's Signature: <i>Maureen J. Aranco</i>	Date Considered: 1/3/04
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5/12



INFORMATION
DISCLOSURE & TRADEMARK
STATEMENT BY APPLICANT

Sheet 6 of 6

Application Number: 10/646,458
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown 763
Examiner Name: Unknown ARAN WBSA
Attorney Docket Number: 008401

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Dat
MA	US-6,300,643 B1	10-09-2001	FANG ET AL.	250	492.21	12-06-1999
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Examiner's Signature:

Muhammad Khan

Date Considered:

1/3/06

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6/12



INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number: 10/646,458
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown 1703
Examiner Name: Unknown ARANCOBIA
Attorney Docket Number: 6915 P01

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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Examiner's Signature:

Maureen J. Planc

Date Considered: 1/3/04

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7/12

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Examiner's Signature: *Manner*

Date Considered: 1/3/06

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8/12



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Examiner Name: Unknown ~~ARANCIA~~
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U. S. PATENT DOCUMENTS

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<i>↓</i>	US-5,653,811	08-05-1997	CHAN	118	723	07-19-1995
<i>↓</i>	US-6,000,360	12-14-1990	KOSHIMUZU	118	723	07-02-1997
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Examiner's Signature: *Maurice J. Arancio*

Date Considered: *1/3/06*

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Attorney Docket Number: 006915 P01

U. S. PATENT DOCUMENTS

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<i>WUT</i>	US-5,510,011	04-23-1996	OKAMURA ET AL.	204	192.3	12-22-1994
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<i>WUT</i>	US-6,139,697	10-31-2000	CHEN ET AL.	204	192.15	01-31-1997
<i>WUT</i>	US-6,513,538	02-04-2003	CHUNG ET AL.	134	1.2	05-22-2001
<i>WUT</i>	US-6,811,448	11-02-2004	PATON ET AL.	439	706	07-15-2003
<i>WUT</i>	US-6,838,695	01-04-2005	DORIS ET AL.	257	55	11-25-2002

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

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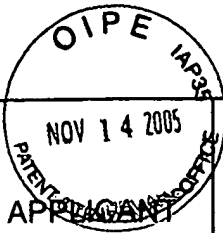
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Examiner's Signature: *Maurice J. Arancibia*

Date Considered: *11/3/06*

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11/12



INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 1	Application Number:	10/646,458
	Filing Date:	August 22, 2003
	First Named Inventor:	Kenneth COLLINS, et al.
	Group Art Unit:	1763
	Examiner Name:	Maureen G. Arancibia
Attorney Docket Number:		006915 P01

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Examiner's Signature: *Maureen G. Arancibia*

Date Considered: 11/3/04

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12/12